



**GRAPHICS** 





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BASEBALL KIT





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SOFTWARE REVIEWS

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Nordboll 1881, Light French DR, short reviews begin 16

MINOPLAN Adheritoria and Evo defection regalacy Vers

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ZX Coveputing Monthly - December Hits



## On Golden emethinough in Speetrum graphics utilities Microgen are puting together as look onwer graphics pockage for under \$10 E. S. Dageschover. Sauare



ZX Computing Monthly - December 1956



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#### he Disciple

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Spectrum Games Top Ten

Check appealed by Will Smiths house fact's get a back calcingue, we loce the prespect of a Chitatings chart dominated by eld games in new







serve matrix hulf die is EUE rening need rennth. AME 0009 Others the Guilly and incentive ISACs are now locked in The count both under a the Preference Apprendix assert were here have been been been as on the property of the medium, shed that congression. By the medium is all that congression have medium, and that doctory become known will be in the colors for the AB CBS Septimer. An interprised pockage medium property of the CBS has be graphed under the decider or ment, and will other on-observate using MSX of memory be septimed on the CBS.













e 6 Spectrum or a \$10,000 Sraphics Rendering System. The one pleas of equipment

the true hood or grapphos tobard four probabily seen these before — they look a bill like one

of those old Elch-o-Seetch drawing toblets, except that in

demonstrate their graphics

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Every year the

Computer Graphics
Show demonstrates the
latest and best in
graphics. This year ZX
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Specer hidden up its

jumper to see how if compares.

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# Computer Animation '86



More advert against class administration from the Midland computer Angelonge Film HIPMI on otheroar of the Incoming the Introduce, where e inclusing gathers to bond eur Copper / overheard o

State of the art section that was perhaps the Nationaling solids and malifie audiage of the sea look believable. Another chaires shock of light repocially when relacted though gives ~ a leathingur known in the trade as by first creating a lensity by first creating a lensity believable shoreline landscape which was the setting for a sola pyramid of connected along thow that even of the intotion of d place for human, other various other effects had been

home city scapes can increas experimenting of the edge of what is technically possible

orginal languages where all the water in the open subdestiv In a field where exciting no developments are the name to ent be too long before old har etil be a solist allow with



outside me industry gas uneavry ever to see, it seems on oversight from these last the occasional documentary on IV should documentary on IV obout computer animated grouples in their own right rather than just

b Occors / overheard a stemwing criticism of one of the nominations which was described as being "Wey Win"







Setting up is simple the next



writings which operate at 120075 baset (which treates





ocurse other moderns other different board rotes.



Durffor Information too Specifie on \$555.562 or Missonet 800 on \$1,575.3643







white you are asless, or out of the house? Her a lot I suspect unless you are on electronics the garage door furns a light on long as you can plug the appleance you wish to control into the ring mains. The Red Bases starter pack

Red Leader to program and beader, you connect it to the Spectrum vio

become The bondbook on to the tipeatrum — you assume a crash and usplus everything Spoh slave device has a only to the owner which must be entered into the control program. Only a burgler or on expert bloken could lett you whether this coupled with the

Red Basic ould. The built in clock is easily set programmed to go on and off at

The Spectrum screen shows the output "GN" or "GR" uses

changing link between deviate etc, find leader has its on butt-in MOSC. There are no Specialis. the common MSC commands. used to change the Uniques status of a device, or MSALL to this a new device to the puter

can be read and returned as a string. If took me some time to decided that the bug in my program was assend by the ON string being "ON". Perwately On string being "ON" Perse when used with the IBU continued has no space. Despite such trial infations the your own prognativing ability limits the completely of the







WARE





### WIN THE COLOUR OF MAGIC iscope from the





Bhoewind is number

IX Computing Monthly - December 1986

Toni Raker shows how the 128's extra memori can be used for supe A List have of my TV sceen !

128 Animation

twe is proped in then FOXEing or address in the range C000 to FFFF will PERK the corresponding opidires in the range 6000 to

Est, what is most asignship remain appearance of the ratiolitip figure is a consequence of the simplicity of the BASC appears. Had I spent a law day.

Memory map

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Pages



128 PROGRAMMING



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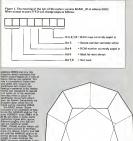
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#### T H II PROFESSIONA T O U C H



LARA MARA PLAN YANG PLAN Y Hewson's Steve Turner with advice on getting your mega-game published, plus a machine code sound

machine code sound routine.

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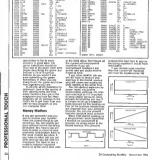
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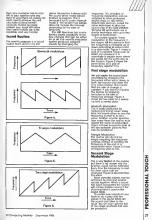
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ZX Computing Moretry - December 1064



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ZX Computing Monthly December 1986

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## DRUID







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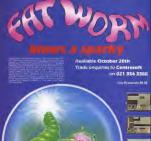


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Harder ...





71th Amstrad naw In arge, will Sinclair chines finally brook nto the american arket? Mark Fendrick gives us the view from

As we end 1986, we true or

Of pourse the big story this and which offschool of fire on

production of the US model Co For a long time the QL remained of the \$295.00 level

which has been eachieved by Sharel other introducing the CL of Severit, but as this lowe goes the scal of a comprise QL pholyging the 4 Pisen opplication programs and there Highway to buoyee into a in Highway to the selected of a QL III by A+ Constutor between to produit into it a simple to assemble kit, but does not come with the software or regressi. Etc. die ovollable from guthorized. declers.
 but how did he Amstrad buy out out-porty offeet to here in the based stated har very much.

name is probably less tomillor to Americans then the brants known trong grynt Sincky egregiste Amstad may how unheard of here. An early blismet of a ZBS based somether the CPC 464 fizzled without anybody even knowing to selded I must must contain No reply

removing suicited also break computer resolved electronics stress rand selected Segs stores. gonesiah et ei hendagent properting program. Littering 3. f is in feer o mus partons. computer officeuph Arretted to description with Coleoch Britaled Actom The main difference is

Stock did drive. Although the

id As for Amstrod's future in this parpaible conquen will start compatible computers will start that climb logging to bring these computers to the American regreet compilers in 1997, they Adors, originally targeted at the Active, prignary targette to it some price on the Americal Actives, locked like a tay while introduced in finition with a price range starting of 55%400 and teaching at at 54,000 to sell in reviewing set-up While Adam

tepping at at 9,490 to as are at America you need to be BM compatible, and at those prices

Although Arestrud his now released its first new computer

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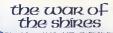
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#### the war of the shires 8 - and at any time you can BETTTE RECEET TORRESTER THAT IS auli "Map" mode by pressing sty "0", which will return you to "character description" muse.

L: Key to map symbols H: Suspend play

Roland of Greenways Roland stands at the keep in th Shire of Greenways, He commands 1992 men-at-anos who are in excellent spirits, At present they are full of viscour.

Change Character 2: Usew map or Howe 3: Explore the heep

C BOY OTHER DRY COR CORSE MEUS Y

Main menu

the list thing to greet you is the

however, calls up something rather more interesting – as shown in Figure 2. This is exzentially a description of

the size and state of his army and the applicate symbolistic four out the "SCARCH" application through it want be ferribly informative yet — and indeed the only application of mail interest in You can move Roland and his directions using keys 5, 6, 7 and dashg invested in order to see how the carry lies during a long morch). These are other Invested option in "Noo" made pressing key." I' will reuse pressing key "F vit! cause all army positions to be shown on the map; with energy that you see only one every arry symbol – this is because until head month. It's quite scie to explorer
Well have more to say gibout
Series' more next time has be

Arrein\* mode ned time, put or now just peers of key to return to simple "Mop" mode, and ny moving Reland to are of the other keeps, Miller you caries, leave "Mop!" mode ... where your voul find a new eption presents libed to that you epitor present lited to that a can greet another obspraces and you'll find how this pains shaped that you can switch between characters upon the

Same bossion Digity arrise







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30 REMark to control the exit (and re-entry) goints of a program
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        PRINT \"Format FAILED!"
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         68217_00
          PORE MIPRES LILADAMAN + 2501-320
250 DEFine PROCedure carry on | REMark A Simple Walt Foutine
280 PRINT \'Press any key to continue...'
270 PAUSE : REMark Intinite wait
200 END DEFINE CAPTY OR
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Listing Street-Trapping beneratration

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100 MD Refract choice
300 FIRST "Comprehisations" You are now a Newtor Error-Trapper.
500 FIRST "Comprehisations" You are now in Mid error-Trapper.
600 FIRST "The are declarating" open season "on wild error-Trapper.

## inta's Dilemma



David Newstolk presents ZX's special

Christmas game which can be played on any model of the Spectrum or a 01 Sorto Cieus Is Just obout to legar his Grote on Christmes Eve

eliver his presents.

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Interfaces







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SALE NO.



ADVENTURE



TX Communition Monthly - December 1886

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## STRIKE



f) New York has two famous number trays. One is the Mi bit Met. One you name the other south Mordbell Competition The crowing to the cuentions are

## Welcome to

With so many games now being created by teams, the solo

teams, the solo programmer is becoming a rarity, ZX sought out Pete Cooke, auther of Tau Cett, who is now working in splendid isolation on the sequel to be called

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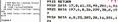
### SHORT[]][S

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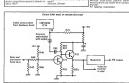


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